

The claims defining the invention are as follows:

1. A dental material container comprising a body including a first chamber and a second chamber separated by a first wall member, a dispensing member separated from the second chamber by a second wall member, and a means for applying pressure to dental material contained within the first chamber, wherein actuation of the means for applying pressure causes dental material within the first chamber to be expelled through the first wall member and mix with dental material in the second chamber and further actuation of the means for applying pressure causes the mixed dental material to be expelled through the second wall member to the dispensing member.
2. A dental material container in accordance with claim 1, wherein the body has a first open end and a second end adjacent which is located the dispensing means, the first and second chambers being located within the body in use and the means for applying pressure comprising a plunger arranged to be inserted into the first open end of the body.
3. A dental material container in accordance with claim 2, wherein the second wall member is provided adjacent the second end of the body and the dental material container includes a receptacle arranged to be inserted into the open end of the body, the receptacle including the first wall member and having an open end arranged to receive the plunger such that the first chamber is defined between the plunger and the first wall member and the second chamber is defined between the first wall member and the second wall member.

4. A dental material container in accordance with claim 3, wherein the body of the dental material container and the receptacle are cylindrical and the first wall member is arranged transversely of the longitudinal axis of the cylindrical receptacle at an opposite end from the open end of the receptacle.

5. A dental material container in accordance with claim 4, wherein the receptacle includes a circumferential rib adjacent the open end thereof arranged to engage with a circumferential recess adjacent the first end of the body when the receptacle is inserted into the body.

6. A dental material container in accordance with claim 1, wherein the first wall member includes a central weakened portion.

7. A dental material container in accordance with claim 6, wherein the central weakened portion comprises a relatively thin portion of the first wall member.

8. A dental material container in accordance with claim 1, wherein the second wall member includes a central weakened portion.

9. A dental material container in accordance with claim 8, wherein the central weakened portion comprises a relatively thin portion of the second wall member.

10. A dental material container in accordance with claim 1, wherein the dispensing member includes a dispensing nozzle and a circumferential rib arranged to snap fit with a circumferential groove adjacent the body of the dental material container.

11. A dental material container in accordance with claim 1, wherein the dispensing member is integrally formed with the body of the dental material container and includes a dispensing nozzle.

12. A dental material container in accordance with claim 1, wherein the dispensing member includes a screw connection on the body of the dental material container and a dispensing nozzle arranged to engage with the screw connection.

13. A dental material container in accordance with claim 1, wherein the dispensing nozzle is curved.

14. A dental material container in accordance with claim 1, wherein the second wall member is provided as a separate disc member arranged to be inserted into the body of the dental material container.

15. A dental material container in accordance with claim 1, wherein the body of the dental material container includes a means for expelling air from within the body during use.

16. A dental material container in accordance with claim 15, wherein the means for expelling air comprises longitudinal grooves on inner surfaces of the body.